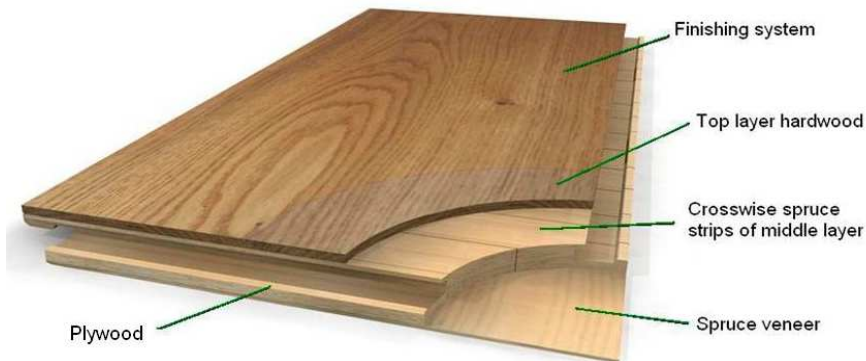


TECHNICAL SPECIFICATION

Manufacturer: BALTIC WOOD S.A.

PRODUCT DESCRIPTION: Multilayer Parquett Elements – Oak THREE_4HIM



1. MATERIAL (Components and specification)

Multilayer parquet elements: top layer – oak, middle layer – crosswise spruce strips, bottom layer – spruce veneer.

Pattern of surface 1-row strip (full plank)

Finishing **Matt Lacquer**
 Finished with 7 layers:
 1 layer of UV filler + 1 layer of UV light white stain primer + 5 layers of UV lacquer
 Gloss: 9-12°

Connection: BALTIC LOC®

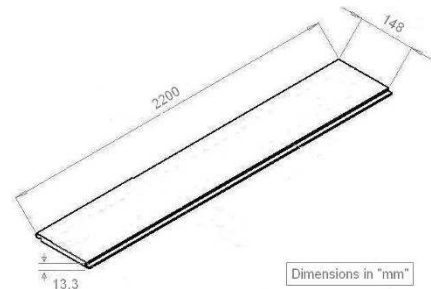
2. DIMENSIONS:

Dimensions of ready product:

- length	2200 mm	+/- 1,0 mm
- width	148 mm	+/- 0,2 mm
- thickness	13,3 mm	+/- 0,2 mm
- top layer thickness	2,7 mm	+/- 0,2 mm

Packet:	Pallet:
9 boards = 2,930 m ²	48 packets = 140,64 m ²

- Up to 1,5% of the material in delivery can be shorter for 30 mm.
- In a packet allows for 3 boards with joint surface layer.



3. Top layer characteristic

Colour:	Oak floor finished with light white stain, with clearly marked structure and characteristic for oak sapwood and beige-filled large-sized knots. Brushed pores and knots of top layer makes the natural structure more visible. The oak floor characterizes with large changeability of tints. Natural wood discoloration in time period - slight changing colour under UV (sun light).
Hardness:	Hard wood
Dimension stability:	Oak parquet tolerates well even significant changes of temperature and humidity within room.
Floor heating installation:	YES

3.1. Characteristics of grade

Classification according to EN 13489: Free class

<i>Knots</i>	<i>healthy, integrated ≤ 80 mm; unsound (filled with beige putty. May be covered with light white color) ≤ 30 mm unfilled knots (brushing effect) acceptable up to 3 mm</i>
<i>Sapwood</i>	<i>without limitations</i>
<i>Surface splits, non-penetrating</i>	<i>small allowed</i>
<i>Bark pockets</i>	<i>up to 5 mm width and 150 mm length - acceptable (filled); brushing effect - acceptable</i>
<i>Lightning shake</i>	<i>unacceptable</i>
<i>Slope of grain / curly grain</i>	<i>acceptable</i>
<i>Heart of tree</i>	<i>acceptable</i>
<i>Colour variation</i>	<i>acceptable</i>
<i>Medullary rays</i>	<i>acceptable</i>
<i>Sticker marks</i>	<i>unacceptable</i>
<i>Biodegradation</i>	<i>unacceptable except red heartwood - up to 20% board's surface (dispersed) - max 10% boards in the delivery</i>

According to EN 13489, 3% of the strips in a batch may be from other classes

4. Product characteristic

<i>Lipping (between elements) [mm]</i>	$\leq 0,2$
<i>Deviation of rectangularity (on the item width) [mm]</i>	$\leq 0,29$
<i>Crosswise warping (across the item) [mm]</i>	$\leq 0,29$
<i>Spring (along the element) [mm]</i>	$\leq 2,2$
<i>Moisture content [%]</i>	7 +/- 2

4.1. Finishing surface

<i>Slipperiness</i>	USRV 46
<i>Adhesion to wood</i>	SC3
<i>Grindability</i>	130 (Taber method, S-42)

4.2. Physical and chemical properties

<i>Reaction to fire</i>	$D_{fl} - s1$
<i>Emission of formaldehyde</i>	E1
<i>Content of pentachlorophenol</i>	NPD
<i>Thermal conductivity</i>	0,11 W/mK
<i>Biological durability</i>	class 1

5. Product marking: CE